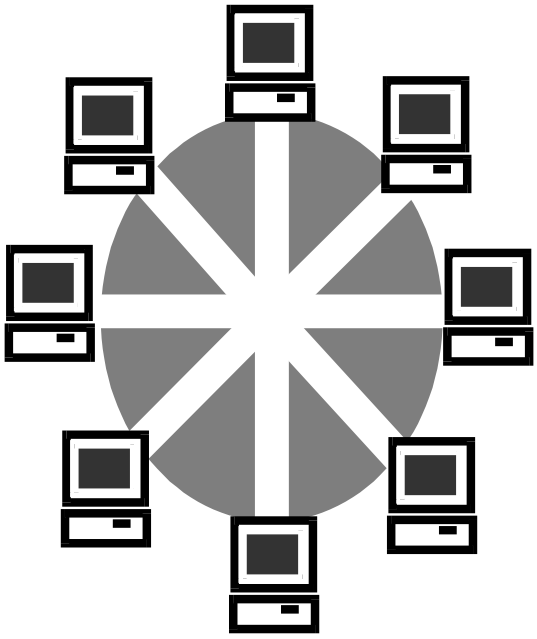
802.11g 54M
Wireless LAN Broadband Router

Quick Install Guide



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FCC Statement

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions in this manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of the FCC rules, which are designed to provide reasonable protection against radio interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user, at his own expense, will be required to take whatever measures are necessary to correct the interference.

WARNING! Any changes or modifications to this product not expressly approved by the manufacturer could void any assurances of safety or performance and could result in violation of Part 15 of the FCC Rules.

CE Declaration of conformity

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 Class B for ITE and EN 50082-1. This meets the essential protection requirements of the European Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Trademarks

All company, brand and product names are trademarks or registered trademarks of their respective companies.

1. System Requirement

Before you getting started, make sure that you meet the following requirements.

1. An Internet connection through a cable or DSL modem
2. A computer with an Ethernet network card or Wireless LAN Adapter installed
3. Your Windows CD, if your computer is running Windows 95, 98, or ME
4. UTP network cable with RJ-45 connector
5. Microsoft Internet Explorer 4.0 (or version above) or Netscape Navigator 4.0 (or version above)

2. Package Contents

- One WLAN Broadband Router
- One Power adapter
- One CD-ROM(User Manual on CD)
- One Quick Installation Guide
- (Optional) One Reverse SMA Antenna

3. Hardware Installation

You can place this Wireless LAN Broadband Router horizontally or hang it on the wall.

(Metel Housing)

(Plastic Housing)

4. Before Installation

Before you start to connect your router to any network device, make sure you get the following values from your ISP. You will need those values to setup the Router and configure you networked PCs to accept the IP address the Router chooses to assign them.

- PPPoE User Name and Password or Fixed Internet IP Address assigned by your local ISP
- Your Subnet Mask
- Your Default Gateway
- Your Primary DNS IP address

You are supposed to have all those information mentioned above from your ISP. If not, contact your ISP and they will be able to supply all the information you need.

5. Setting Hardware Connection

Follow the steps listed below to install your Router when you have all the information mentioned above.

Step 1. Power all devices down.

This should include your PCs, Cable or DSL modem and the Router.

Step 2. Connecting a Cable Modem or DSL Modem.

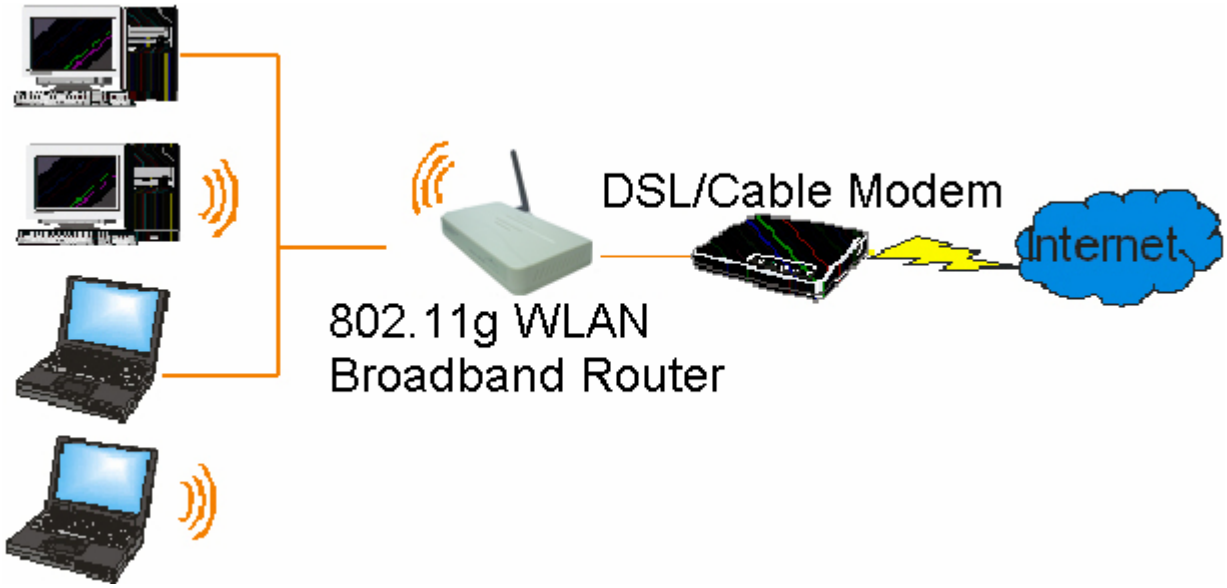
Connect your Cable or DSL modem to the WAN port on the rear panel.

Step 3. Connect the Wireless Router to your PCs.

Connect computers directly to the Router on ports 1~4 on the rear panel. If you have more than 4 computers need to be connected, connect a hub or a switch (using its uplink port) and connect additional computers to that device.

Step 4. Power on.

Plug the power cord into the power jack. And power on computers.



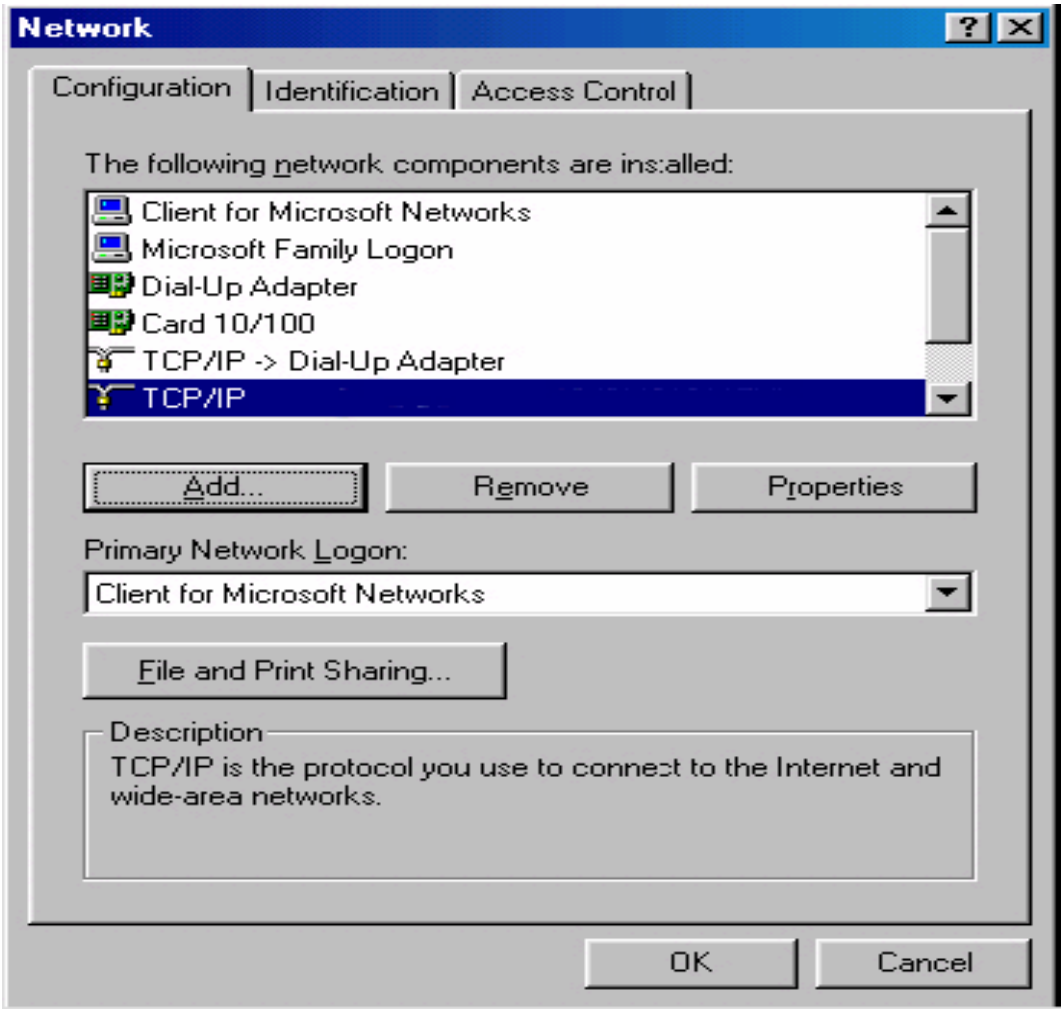
6.Configure your computer

Note : MAC or Netscape User please refer to User manual for configuration.

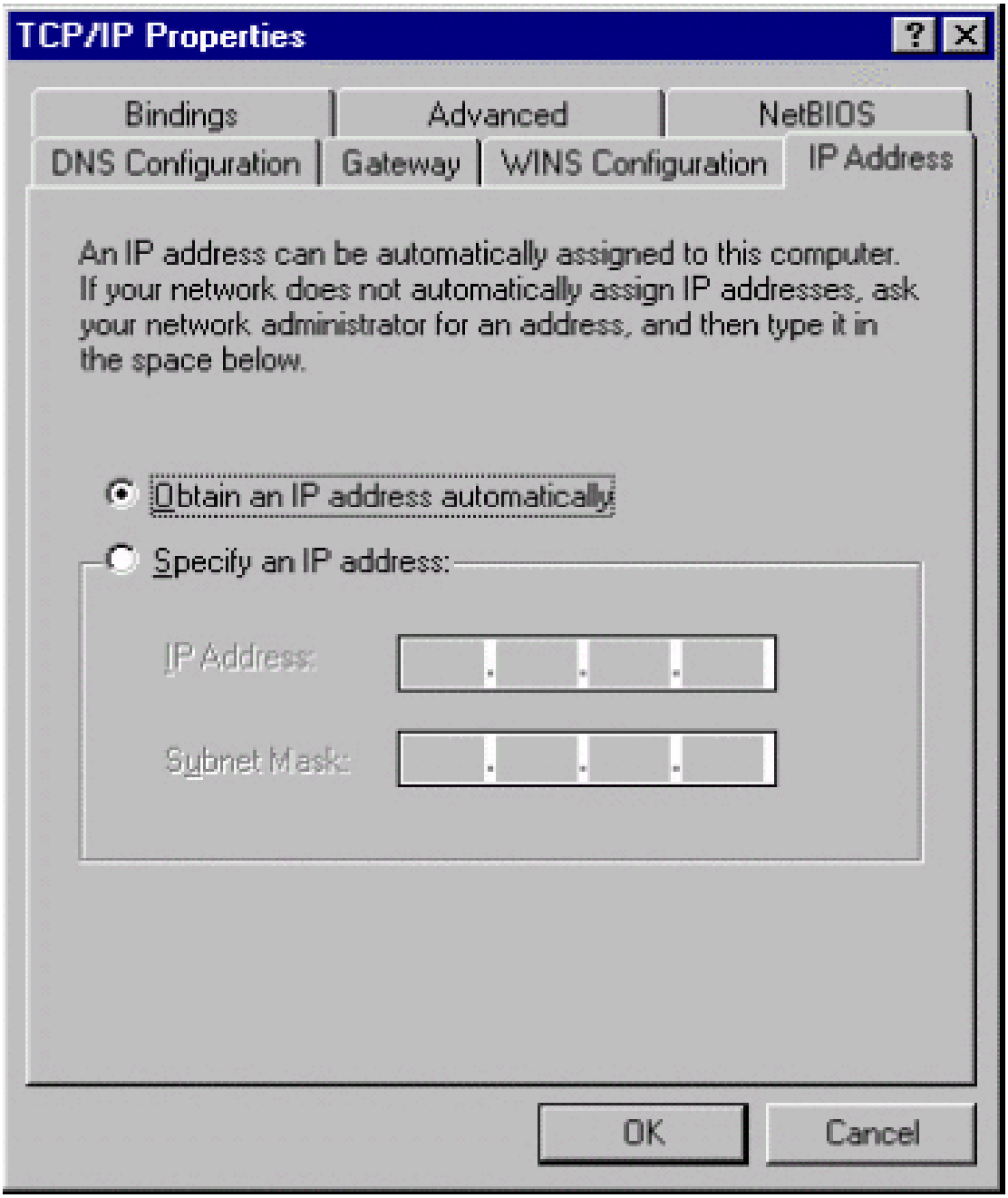
- **Windows 95/98/ME**

Step 1. TCP/IP Configuration

After you have completed the hardware setup by connecting your devices, you need to configure your computer to connect to your Router.



1. From the Windows desktop, click the “Start” button and choose “Settings”, then click “Control Panel.”
2. From “Control Panel”, double-click the “Network” icon.
3. In the “Network” window, under the “Configuration” tab, double-click the TCP/IP” entry that is listed with your network card.
4. On the “Internet Protocol (TCP/IP) Properties” dialog box, make sure “Obtain an IP address automatically” and “Obtain DNS server address automatically” are selected. If not, select them and click “OK” and close window.

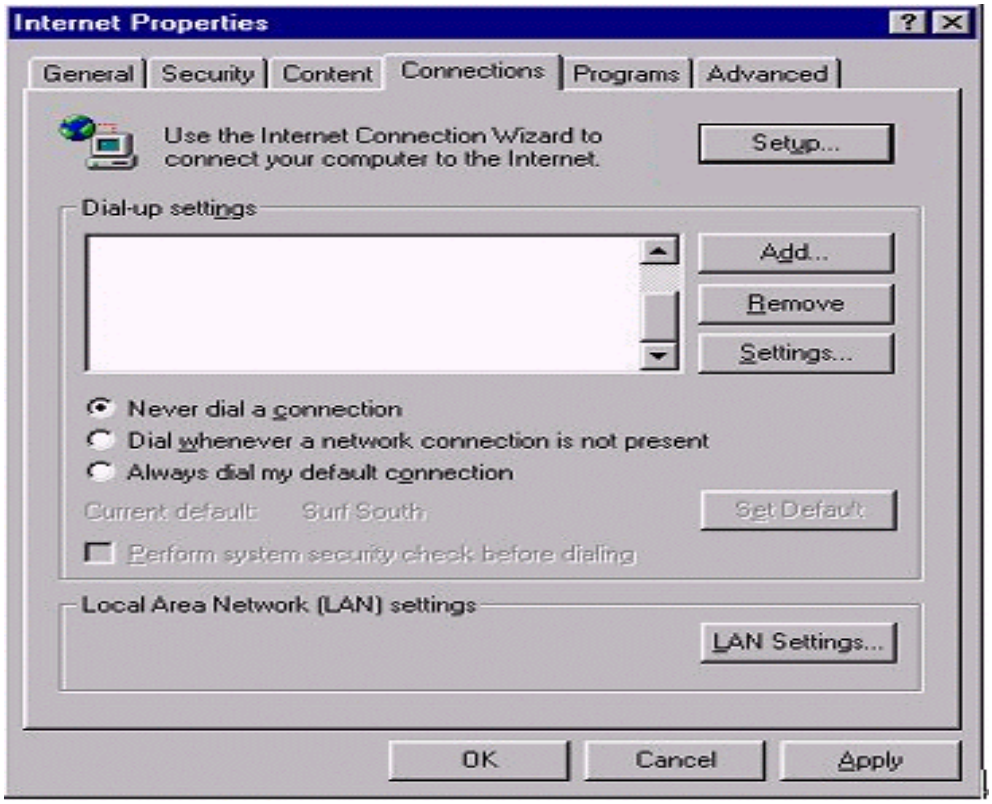

TCP/IP Properties
Bindings
Advanced
NetBIOS
DNS Configuration
Gateway
WINS Configuration
IP Address
An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space below.
Obtain an IP address automatically
Specify an IP address:
IP Address:
Subnet Mask:
OK
Cancel

5. Click the “DNS Configuration” tab. Locate the DNS servers listed under “DNS Server Search Order”. And Click “OK”
6. System may need your Windows 95/98/ME CD to copy some files. After it finishes copying, please restart your system.

Step. 2 Disable HTTP Proxy

- **Internet Explorer**

1. Open Internet Explorer and click the stop button. Click “Tools” then “Internet Options”
2. In the “Internet Options” window click the “Connections” tab. Then click the “LAN Settings” button.



3. Clear all the checkboxes.
4. Click “OK,” and then click “OK” again to close the “Internet Options” window.

- **Windows NT/2000/XP**

Step 1. TCP/IP Configuration

After you have completed the hardware setup by connecting your devices, you need to configure your computer to connect to your Router.

1.From the Windows desktop, click the “Start” button. Choose “Settings”, then click “Control Panel.”
2. From “Control Panel”, double-click the “Network & Dial-Up Connections” icon.
3. Double-click the icon that corresponds to the connection to your router.
4. Click “Properties” and double-click “Internet Protocol (TCP/IP).”
5. On the “Internet Protocol (TCP/IP) Properties” dialog box, make sure “Obtain an IP address automatically” and “Obtain DNS server address automatically” are selected. If not, select them and click “OK” and close window.

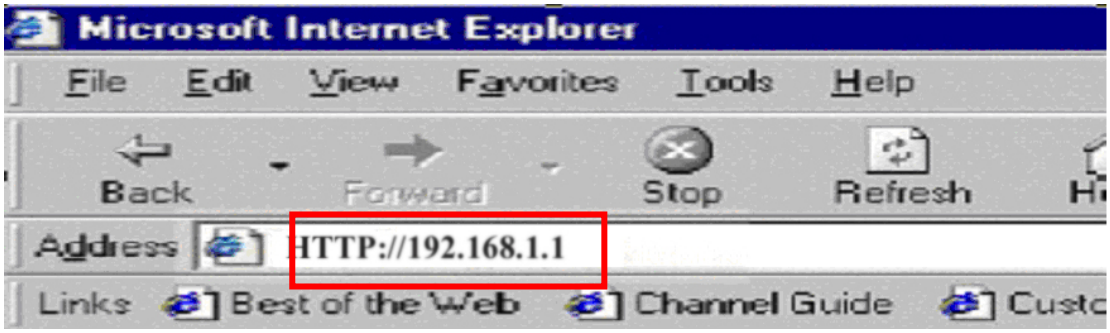
Step. 2 Disable HTTP Proxy

- **Internet Explorer**

1. Open Internet Explorer and click the stop button. Click “Tools” then “Internet Options”
2. In the “Internet Options” window click the “Connections” tab. Then click the “LAN Settings” button.
3. Clear all the checkboxes.
4. Click “OK,” and then click “OK” again to close the “Internet Options” window.

7. Configure the router

After configuration of your network, you can access the Router via Web browser and type the IP Address of Router. The default IP address of this Router is **http://192.168.1.1**

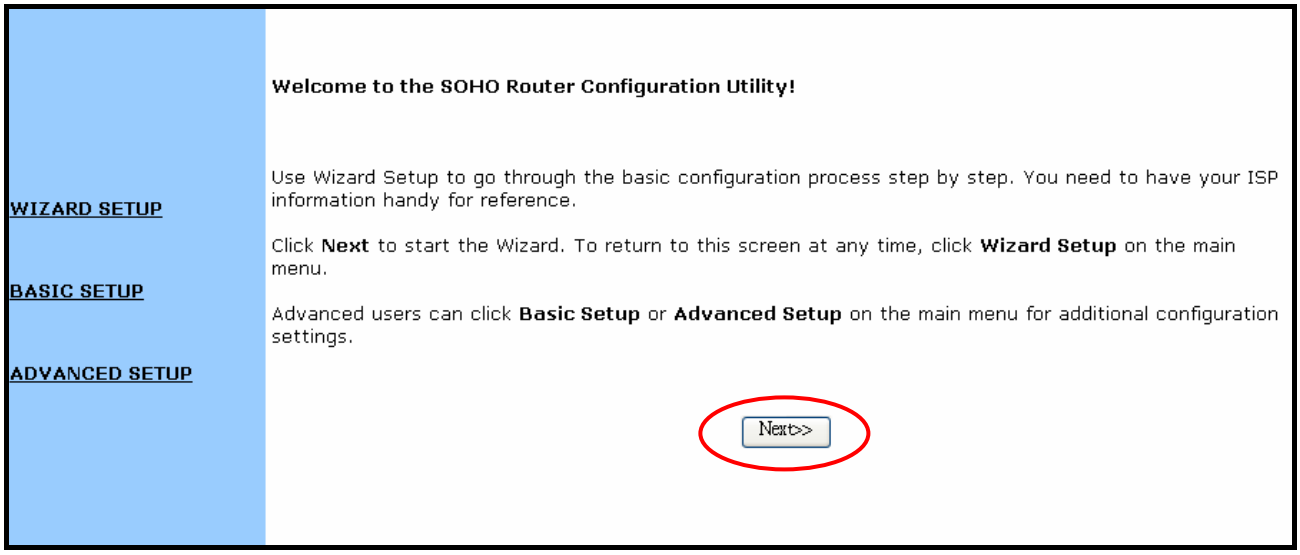

Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh
Address HTTP://192.168.1.1
Links Best of the Web Channel Guide

Please note that if you have changed the default IP Address assigned to the Router, make sure to enter the correct IP Address.

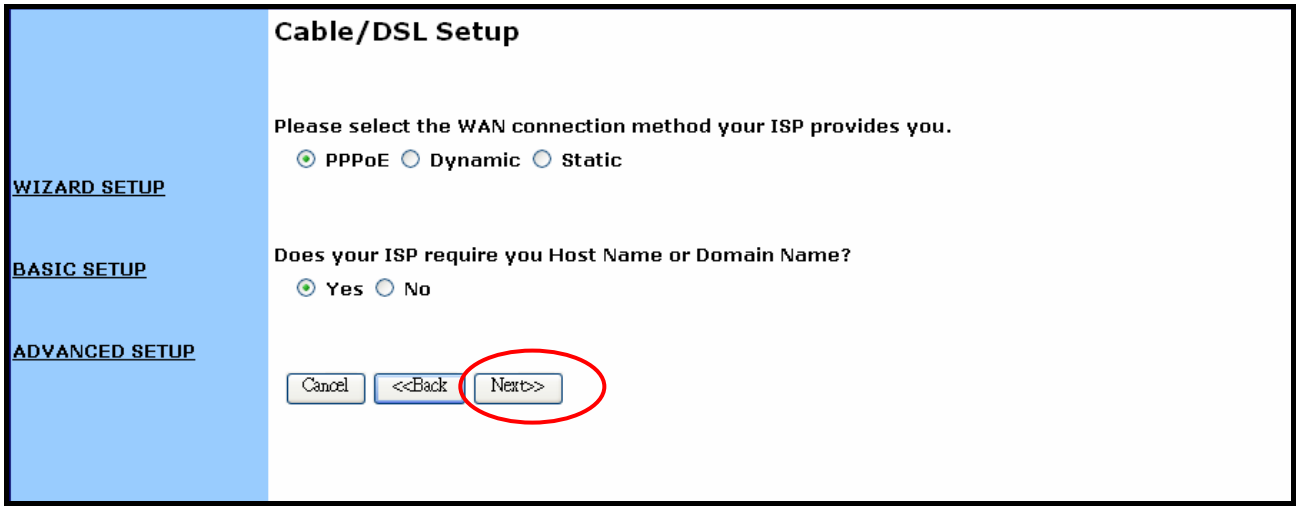
The default “User Name” and “Password” are both “admin”.

7.1 Connection Wizard

Step 1. Click the “Next” .


WIZARD SETUP
BASIC SETUP
ADVANCED SETUP
Welcome to the SOHO Router Configuration Utility!
Use Wizard Setup to go through the basic configuration process step by step. You need to have your ISP information handy for reference.
Click Next to start the Wizard. To return to this screen at any time, click Wizard Setup on the main menu.
Advanced users can click Basic Setup or Advanced Setup on the main menu for additional configuration settings.
Next>>

Step 2. Cable/DSL Settings : Select your WAN connection type then click “Next”.

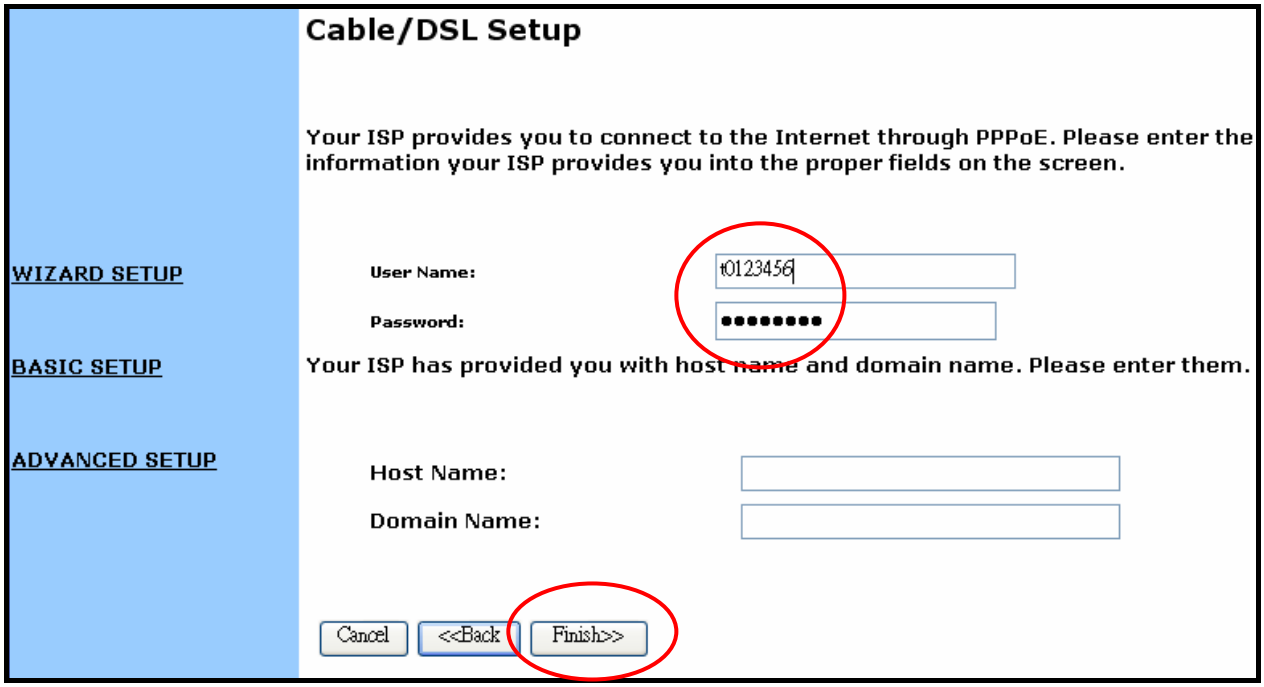


PPPoE: When your ISP provides you to connect to the Internet through PPPoE, please choose this one.

Dynamic: When your ISP provides you to connect to the Internet using dynamic IP. Please choose this one.

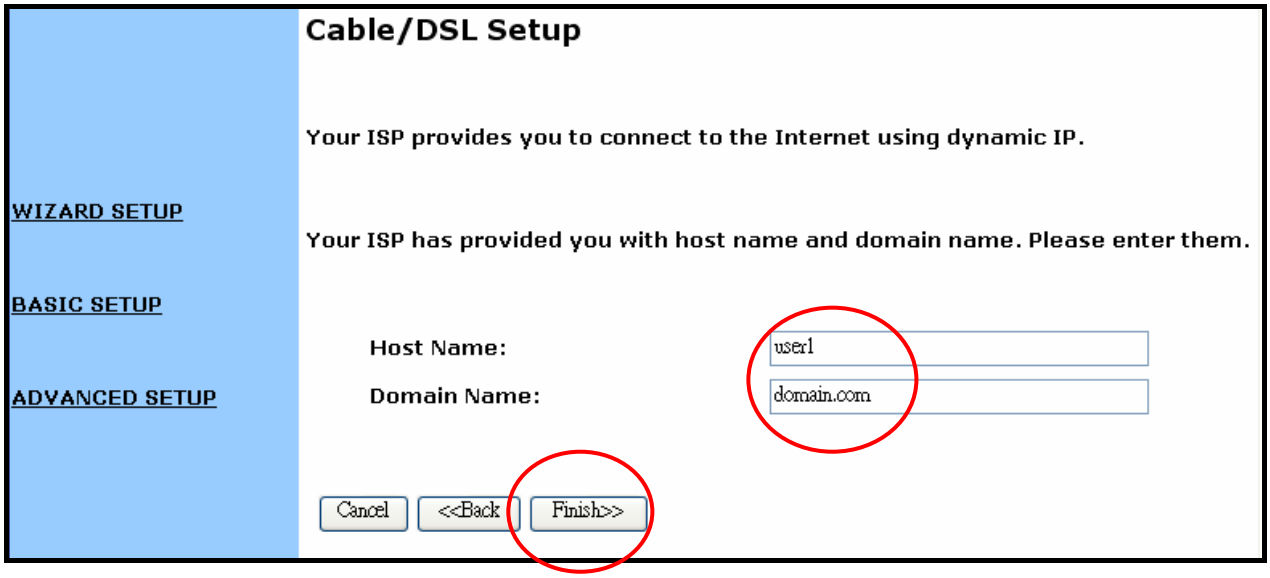
Static: When your ISP Provides you to connect to the Internet using a fixed or static IP address, please select this one.

- **PPPoE Setting:**


Cable/DSL Setup
Your ISP provides you to connect to the Internet through PPPoE. Please enter the information your ISP provides you into the proper fields on the screen.
WIZARD SETUP
BASIC SETUP
ADVANCED SETUP
User Name:
t0123456
Password:
Your ISP has provided you with host name and domain name. Please enter them.
Host Name:
Domain Name:
Cancel
<<Back
Finish>>

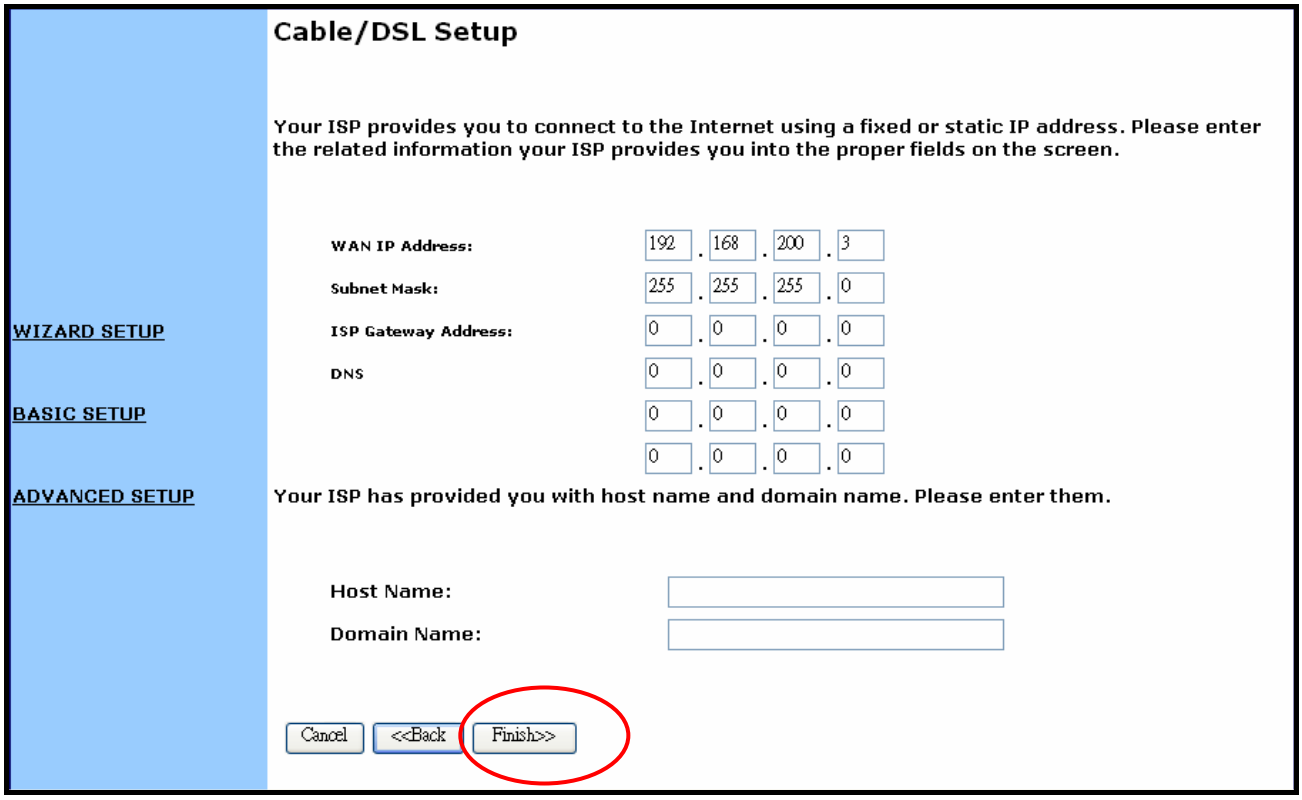
1. Enter your User Name and Password.
2. Enter the Host Name and Domain Name if your ISP required.
3. Click Finish.

- **Dynamic Setting:**



1. Enter the Host Name and Domain Name if your ISP required.
2. Click Finish.

- **Static setting:**


Cable/DSL Setup
Your ISP provides you to connect to the Internet using a fixed or static IP address. Please enter the related information your ISP provides you into the proper fields on the screen.
WAN IP Address: 192 . 168 . 200 . 3
Subnet Mask: 255 . 255 . 255 . 0
ISP Gateway Address: 0 . 0 . 0 . 0
DNS 0 . 0 . 0 . 0
0 . 0 . 0 . 0
0 . 0 . 0 . 0
WIZARD SETUP
BASIC SETUP
ADVANCED SETUP
Your ISP has provided you with host name and domain name. Please enter them.
Host Name:
Domain Name:
Cancel
<<Back
Finish>>

1. Enter your WAN IP Address, Subnet Mask, ISP Gateway Address and DNS, the information provided by your ISP.
2. Enter the Host Name and Domain Name if your ISP required.
3. Click Finish.